## **ABSTRACT**

The present invention provides compounds and methods of synthesizing furanose and aminofuranose compounds of Formula I

$$R^{5}Q_{III}$$
 $R^{4}O^{7}$ 
 $OR^{1}$ 
 $R^{2}$ 
 $R^{3}$ 

which are useful fro treating rheumatoid arthritis, immunomodulatory diseases and disorders, inflammation, and diseases and disorders characterized by exhibiting tissue proliferation.